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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/578,619	05/08/2006	O'Dae Kwon	KWON3008/REF	3714
23364 7590 04/14/2008 BACON & THOMAS, PLLC 625 SLATERS LANE FOURTH FLOOR ALEXANDRIA, VA 22314				
EXAMINER				
KING, JOSHUA				
ART UNIT		PAPER NUMBER		
2828				
MAIL DATE		DELIVERY MODE		
04/14/2008		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of References Cited

Application/Control No.

10/578,619

Applicant(s)/Patent Under
Reexamination
KWON ET AL.

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U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2004/0169181	09-2004	Yoo, Myung Cheol	257/081
*	B	US-6,504,171	01-2003	Grillot et al.	257/14
*	C	US-2002/0024980	02-2002	KWON et al.	372/45
*	D	US-6,282,226	08-2001	Furukawa, Yukio	372/94
*	E	US-5,343,490	08-1994	McCall, Samuel L.	372/94
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
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FOREIGN PATENT DOCUMENTS

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	N					
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	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Bae et al., "Photonic Quantum Corral, Carrier Ordering, and Photonic Quantum Dot/Ring Device", 2002, IOP, Inst. Phys. Conf. Ser. No 170: Chapter 2, 183-188
*	V	Han et al., "InGaAs-AlGaAs-GaAs Strained-Layer Quantum-Well Heterostructure Circular Ring Lasers", 1992, IEEE, Photonics Technology Letters, 4, 817-819
*	W	Park et al., "Chiral wave propagation manifold of the photonic quantum-ring laser", 2002, American Institute of Physics, Applied Physics Letters, 81, 580-582
*	X	Bae et al., "Spectrum of three-dimensional photonic quantum-ring microdisk cavities: comparison between theory and experiment", 2003, Optical Society of America, Optics Letters, 28, 1861-1863

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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	A	US-			
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	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Park et al., "Evanescence and propagating wave characteristics of the photonic quantum ring laser", 2001, AIP, Applied Physics Letters, 79, 1593-1595
*	V	Armani et al., "Ultra-high-Q toroid microcavity on a chip", 2003, Nature Publishing Group, Nature, 421, 925-928
	W	Wright et al., "Mid-infrared whispering gallery mode ring lasers and LEDS", 4 Aug 2003, IEEE Proc.-Optoelectron., 150, 4, 314-317
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.